



**Abhishek Kumar**  
UG (IV Year I Semester)  
B.Tech. (Civil Engineering)  
Contact No: 08252377473  
Email: abhishek\_k1@ce.iitr.ac.in  
Registration No: 20113007/2024



Area of Interest

Civil engg.

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	6.992
2020	Intermediate (Class XII)	Sunshine Residential Public School, Maner, Patna, Bihar	88.00 %
2018	Matriculate (Class X)	Kendriya Vidyalaya , Jamalpur, Bihar	91.60 %

Internships

**Field based Internship | NHA** June 2022 - July 2022

- Field based summer intern at NHA, learning based on the practical experiences included visiting the construction sites and getting to know about the important features of highways, working of toll plazas and some common construction and maintenance works of highways.

Projects

**Analysis of 2D and 3D structures using STAAD Pro | IIT ROORKEE** January 2023 - May 2023

- It includes the analysis of 2D and 3D frames and building structures using the STAAD Pro software

**Geotechnical Characterization of Soft Lateritic Soil | Geotechnical engg.** January 2023 - May 2023

- The project aimed to investigate the geotechnical characteristics of soft lateritic soil through a combination of laboratory tests and field investigations.
- In the laboratory, in addition to Atterberg limits, Collapse Potential, Double Hydrometer, and pH test, several other tests were conducted to determine the soil's plasticity, dispersive characteristics, acidity of the soil, and other properties of significance, respectively.
- Results of the laboratory tests were analyzed and compared to existing literature to gain a better understanding of the behaviour of soft lateritic soil.

Skills

Computer languages    Java  
Software Packages    QGIS, AUTOCAD, IITPave, STAAD Pro, various adobe softwares  
Languages Known    ENGLISH, HINDI

Positions of Responsibility & Extra Curriculars

**Volunteer | NSS-Primary Education Cell** December 2020 - June 2021

- Served as a mentor helping students under NSS

References

**Akanksha Tyagi**  
Assistant Professor,CED  
IIT ROORKEE  
akanksha.tyagi@ce.iitr.ac.in